

WHAT IS CLAIMED IS:

1. An absorbent composite sheet comprising:
  - at least a first layer and a second layer,
  - said first layer placed on the side of receiving a liquid
- 5 being a non-woven fabric fabricated from thermoplastic synthetic resin fibers, said second layer stacked below said first layer being a non-woven fabric fabricated by entangling cellulose type fibers and thermoplastic synthetic resin fibers,
  - said first layer and said second layer being joined by
- 10 fuse bonding synthetic resin fibers of said first layer and synthetic resin fibers of said second layer, and
  - the liquid applied on a surface of said first layer being transferred to said second layer through gaps between synthetic resin fibers of said first layer.

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2. The absorbent composite sheet as set forth in claim 1, wherein said second layer contains 20 to 80% by mass of said cellulose type fibers.
- 20 3. The absorbent composite sheet as set forth in claim 1, wherein said surface of said first layer is a smooth surface processed by a heating roll having smooth surface.
4. The absorbent composite sheet as set forth in claim 1,
- 25 wherein said first layer has a fiber density in a range of 0.05

to 0.20 g/cm<sup>3</sup> when a pressure of 4.9 kPa is applied, said second layer has a fiber density in a range of 0.015 to 0.10 g/cm<sup>3</sup> when a pressure of 4.9 kPa is applied, and the fiber density of said first layer is higher than that of said second layer.

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5. An absorbent article comprising an absorbent composite sheet defined in claim 1, with taking said surface of said first layer as a skin contacting surface, and at least a liquidblocking back sheet being provided on back surface side of said second 10 layer.